

CORRECTED VERSION

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
12 February 2004 (12.02.2004)

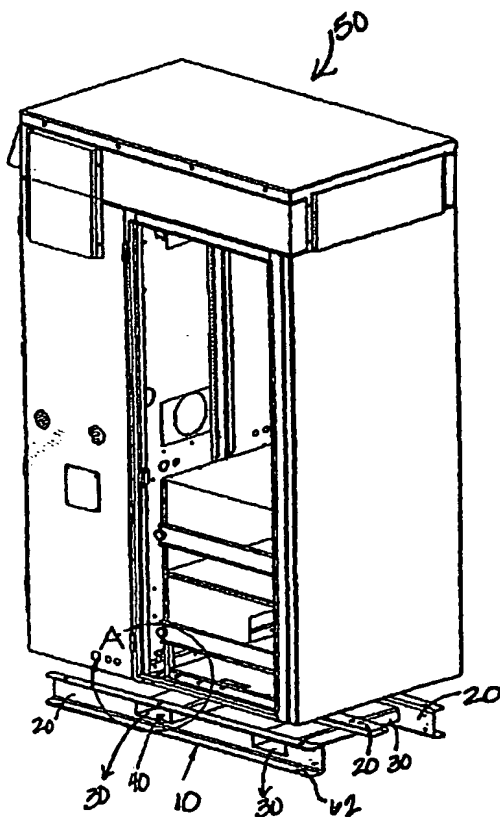
PCT

(10) International Publication Number
WO 2004/013429 A2

- (51) International Patent Classification⁷: E04C (74) Agents: BINGHAM MCCUTCHEN LLP et al.; Three Embarcadero Center, San Francisco, CA 94111 (US).
- (21) International Application Number: PCT/US2003/024046 (81) Designated States (*national*): AE, AG, AL, AM, AT (utility model), AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ (utility model), CZ, DE (utility model), DE, DK, DM, DZ, EC, EE (utility model), EE, ES, FI (utility model), FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK (utility model), SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (22) International Filing Date: 31 July 2003 (31.07.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 60/400,935 1 August 2002 (01.08.2002) US
- (71) Applicant (*for all designated States except US*): PURCELL SYSTEMS, INC. [US/US]; 22924 East Appleway, Libert Lake, WA 99019 (US).
- (72) Inventor; and
- (75) Inventor/Applicant (*for US only*): MILLER, William [US/US]; 23213 E. 2nd, Libert Lake, WA 99019 (US).
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,

[Continued on next page]

(54) Title: BASE ASSEMBLIES, METHODS OF PRODUCTION AND USES THEREOF



(57) Abstract: The subject matter described herein is directed to a base assembly that includes: a) a frame system; b) a plurality of receiving members coupled to the frame system; and c) at least one coupling apparatus, whereby the coupling apparatus is designed to couple or facilitate the coupling of the base assembly to a load component. The subject matter described herein also is directed to a load assembly that includes: a) a base assembly described herein; and b) a load component. Methods of producing a load assembly include a) providing a base assembly; b) providing a load component; and c) coupling the base assembly and the load component.



ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(15) Information about Correction:

see PCT Gazette No. 02/2005 of 13 January 2005, Sec-
tion II

Published:

— *without international search report and to be republished
upon receipt of that report*

(48) Date of publication of this corrected version:

13 January 2005

*For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.*

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/24046

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A47B 91/00; A47G 29/00; B65D 19/00

US CL : 248/346.01

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 248/346.02, 678, 672, 910; 108/51.11, 55.1, 57.17

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EAST

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,095,482A (LaGrotta et al) 01 August 2000 (01.08.2000), see entire document.	1-5, 7-9, 14, 16, 17, 19-22, 25-27, 32, 34
Y		6, 10, 11, 15, 15, 18, 24, 28, 29, 33
A	US 1,658,456 A (MEYER) 07 February 1928 (07.02.1928), see entire document.	1-34
A	US 5,178,275A (FITZGERALD et al) 12 January 1993 (12.01.1993), see entire document.	1-34



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T"

later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X"

document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y"

document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&"

document member of the same patent family

Date of the actual completion of the international search

06 October 2004 (06.10.2004)

Date of mailing of the international search report

20 DEC 2004

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US

Commissioner for Patents

P.O. Box 1450

Alexandria, Virginia 22313-1450

Facsimile No. (703) 305-3230

Authorized officer

Gwendolyn Baxter

Telephone No. 703-308-1113